TEAC

DAB450

DAB+/FM digital radio

USER MANUAL

IMPORTANT !

WARRANTY INFORMATION INSIDE. PLEASE READ

Trademark of TEAC Corporation JAPAN

www.teac.com.au

TEAC WARRANTY PROCEDURE

v1.5.2: DEC 2011

Please read the owner's manual carefully and ensure that you have followed the correct installation and operating procedures.

1. Please read this warranty card.
2. Keep your purchase receipt to enable you to proceed quickly in the event of a Warranty Service.
3. If you require Warranty Service, please contact the TEAC Customer Support Hotline at 1300 553 315 for assistance. Please ensure that you have the model number, serial number and purchase receipt ready when you call.

Please complete the section below and keep this information for your own records.

Owner's Name

Owner's Address

Postcode

Model Name/No. Serial No.

Dealer's Name

Dealer's Address

Postcode

Authorised Service Centres in Major Australian Cities

NSW
151 Arthur Street
Homebush West, NSW 2140

Queensland
Unit 1, 320 Curtin Ave West
Eagle Farm, QLD 4009

Western Australia
Unit 2, 50 Pilbara Street
Welshpool, WA 6106

South Australia
11 McInnes Street
Ridleyton, SA 5008

Victoria
282 Normanby Road
South Melbourne, VIC 3205

Thank you for selecting a TEAC product.

If you should require assistance with your product regarding its setup or operation, or if any difficulties arise, please call us directly for advice between Monday to Friday at 8.30AM – 6PM AEST at the

TEAC Customer Support Hotline

1300 553 315

teacservicesupport@awa.com.au

www.teac.com.au

TEAC WARRANTY INFORMATION

v1.5.2: DEC 2011

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty Terms & Conditions

1. TEAC warrants that this product is free from defects in material and workmanship under normal domestic use with reasonable care and skill. Maintenance and cleaning (i.e. laser head) is not covered by this warranty. The TEAC warranty only applies to TEAC products purchased, used and serviced in Australia.

2. The benefits to the consumer given by this Warranty are in addition to other rights and remedies of the consumer under a law in relation to goods or services to which the warranty relates, being the Australian Consumer Law.

3. Refund or replacement via your retailer is available for a period of 14 days after purchase for goods that have been inspected and determined to have a major failure. Refund and exchange is not applicable for change of mind.

4. Subject to the terms herein, this warranty effectively covers the equipment as specified in the Warranty Periods Table below from the date of purchase.

TEAC PRODUCT	WARRANTY PERIOD
LED/LCD TV 32" (80 cm) and above	1 Year (In-Home Service/ Pick up Available)*
All other TEAC products	1 Year (Carry-in Service)

5. In Home Service/Pick up* Service

   This service will only be provided as part of this warranty if all the following conditions are met;
   a) The product is indicated in the Warranty Period Table.
   b) The product is within the warranty period.
   c) The product is located within the normal service area of the local TEAC Authorised Service Centre.

   If TEAC determines that the product is not repairable on site, TEAC can complete the repair by taking the product to a TEAC Authorised Service Centre.

   Carry-in Service

   Where In-Home service/Pick up* is not available, the purchaser is required to send the product to the nearest TEAC Authorised Service Centre for repair. In this event, proof of purchase is required to support a warranty claim. After the repair, the product will be available for collection by or return to the purchaser at a fee upon request. TEAC in-home service can be made available at a fee upon request.

6. A 12-month replacement warranty is applicable to all Accessories such as Remote, Power Adaptors and Cables.

7. TEAC will ensure to the best of its abilities that all required parts are made available for any required service/repair.

8. TEAC Australia Pty Ltd and its Authorised Service Centres will use their best endeavours to complete product repairs within a reasonable period based on available resources and workload during the time when service is requested and performed.

9. Refurbished parts may be used to repair the product. In the case of a replacement, the product may be replaced, with a refurbished unit of the same type or, if one is unavailable, a similar refurbished model with equal or better features & specifications.

10. Please be advised that if the product presented for repair is capable of retaining user-generated data, the data may be lost during servicing. Customers are strongly encouraged to back up all important information/data before sending the product in for service/repair.

11. Service will be provided only during normal business hours and under safety conditions and circumstances. TEAC and its authorised service agents can refuse any repair if safety, in relation to OH&S, becomes a concern to its staff or authorised service agents' personnel.

12. The warranty is void and warranty claims may be refused, subject to the Australian Consumer Law, if:
    a) The product was not transported, installed, operated or maintained according to manufacturer instruction, or
    b) The product was abused, damaged, tampered, altered or repaired by any unauthorised persons, or
    c) Product failure is due to accidents during use, installation or transit, power surges, use of defective or incompatible external devices, exposure to abnormal conditions such as excessive temperatures or humidity, or entry of liquids, objects or creatures into the product.

13. No one is authorised to assume any liability on behalf of TEAC or impose any obligation on it, in connection with the sale of any equipment other than as stated in this warranty and outlined above.

14. TEAC reserves the right to inspect and verify whether the product is exhibiting a major failure as claimed by customers/retailers.

15. LCD dead pixel policy, please contact TEAC Customer Support Hotline on 1300 553 315 for assistance.

Safety Precautions

To achieve the utmost in enjoyment and performance, and in order to become familiar with its features, please read this manual carefully before attempting to operate the unit, this will assure you years of faithful, trouble free performance and listening pleasure.

Important Notes

- This safety and operating instruction should be retained for future reference.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Avoid installing the unit in locations described below:
    - Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
    - On top of other stereo equipment that radiate too much heat.
    - Places blocking ventilation or dusty places.
    - Places subject to constant vibration.
    - Humid or moist places.
- No naked flame sources such as lighted candles should be placed on or near the unit.
- The use of apparatus in moderate climates.
- Operate turning controls and switches as instructed in the manual.
- Before turning on the power for the first time, make sure the power cord is properly installed.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personnel.
Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personnel.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

DANGEROUS VOLTAGE

Dangerous Voltages, that may be of sufficient magnitude to constitute a risk of electric shock to persons is present within this product's enclosure.

ATTENTION

The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

NOTE: This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.

Safety Information

Some Do's And Don'ts On the Safe Use Of Equipment

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DON'T remove any fixed cover as this may expose dangerous voltages.

Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety.

DON'T listen to headphones at high volume level, do so may damage your hearing.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about if it's working normally or if it's damaged in any way. Switch it off and withdraw the mains plug and consult your dealer.

ESD Remark: In case of malfunction due to electrostatic discharge just reset the product (reconnection of power source may be required) to resume normal operation.

NOTE: Do not open any covers and do not repair by yourself. Qualified personnel must carry out repair work.

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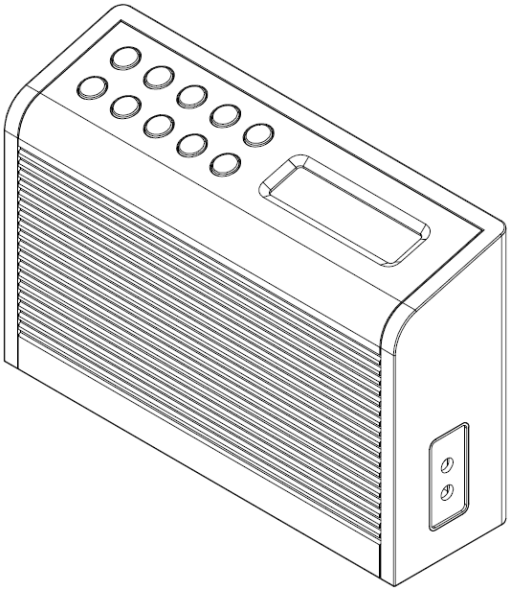
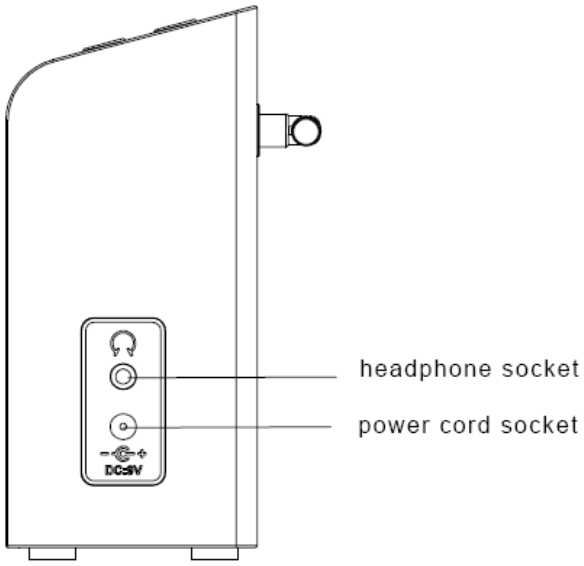
Package Content

Digital Radio	
Adapter	 *(To prolong your radio's lifespan, please use the adaptor provided only.)*
Instruction manual	

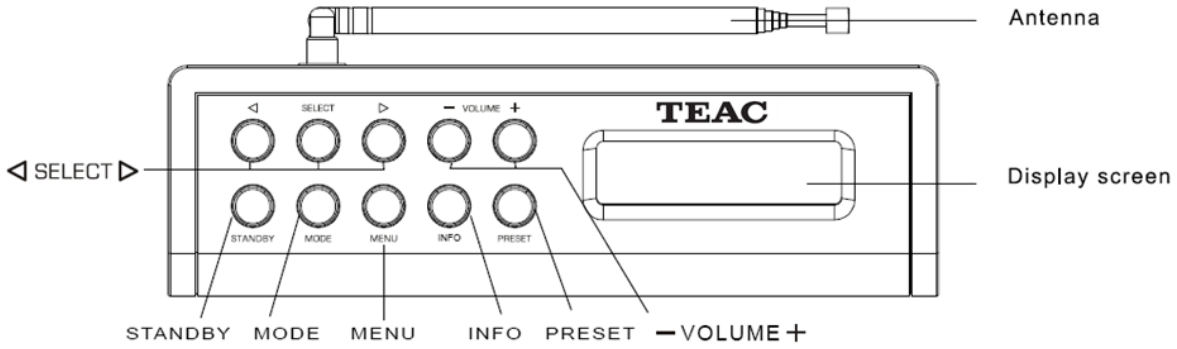
Overview (a)

DIGITAL RADIO FRONT VIEW



DIGITAL RADIO SIDE VIEW

Overview (b)



DIGITAL RADIO TOP VIEW

Control	DAB + and FM mode
STANDBY	Press to turn on/off the digital radio
MODE	Press to convert between DAB+ and FM mode
MENU	Press to enter main menu and select other menus
INFO	**DAB+/FM mode**: Press to browse broadcast station information
PRESET	**DAB+/FM mode**: Press and hold store Preset station1-10 Press to recall Preset station 1-10
◁ SELECT ▷	**DAB+/FM mode**: Press ◁ or ▷ to browse, press **SELECT** to confirm
+ VOLUME -	Press to adjust volume level

DAB Mode

How to Get Start?

1. Place the unit on a flat stable surface and extend the telescopic aerial to ensure best reception in both DAB+ and FM modes. Connect the power adaptor to the DC Jack on the side of the unit, and press **STANDBY** to switch it on.

2. For initial use, it will automatically run a full scan and save all the detected stations into its memory, perhaps this will need one or two minutes.

3. Once the scanning is finished, the DAB+ stations will be displayed in alphanumeric order. The first station in the list would be selected.

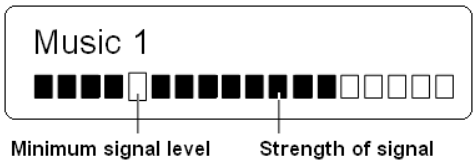
4. If no station detected, press **MENU**, and then press ▷ to '**Full scan**' **à** press **SELECT** to confirm.

5. Want to change to another station? While playing a DAB+ program, you can cycle through stations list by pressing ◁ or ▷, and press the **SELECT** to confirm the station preferred.

@ ***Note:*** *If no DAB+ signal found in your area, relocate your radio and perform another scan.*

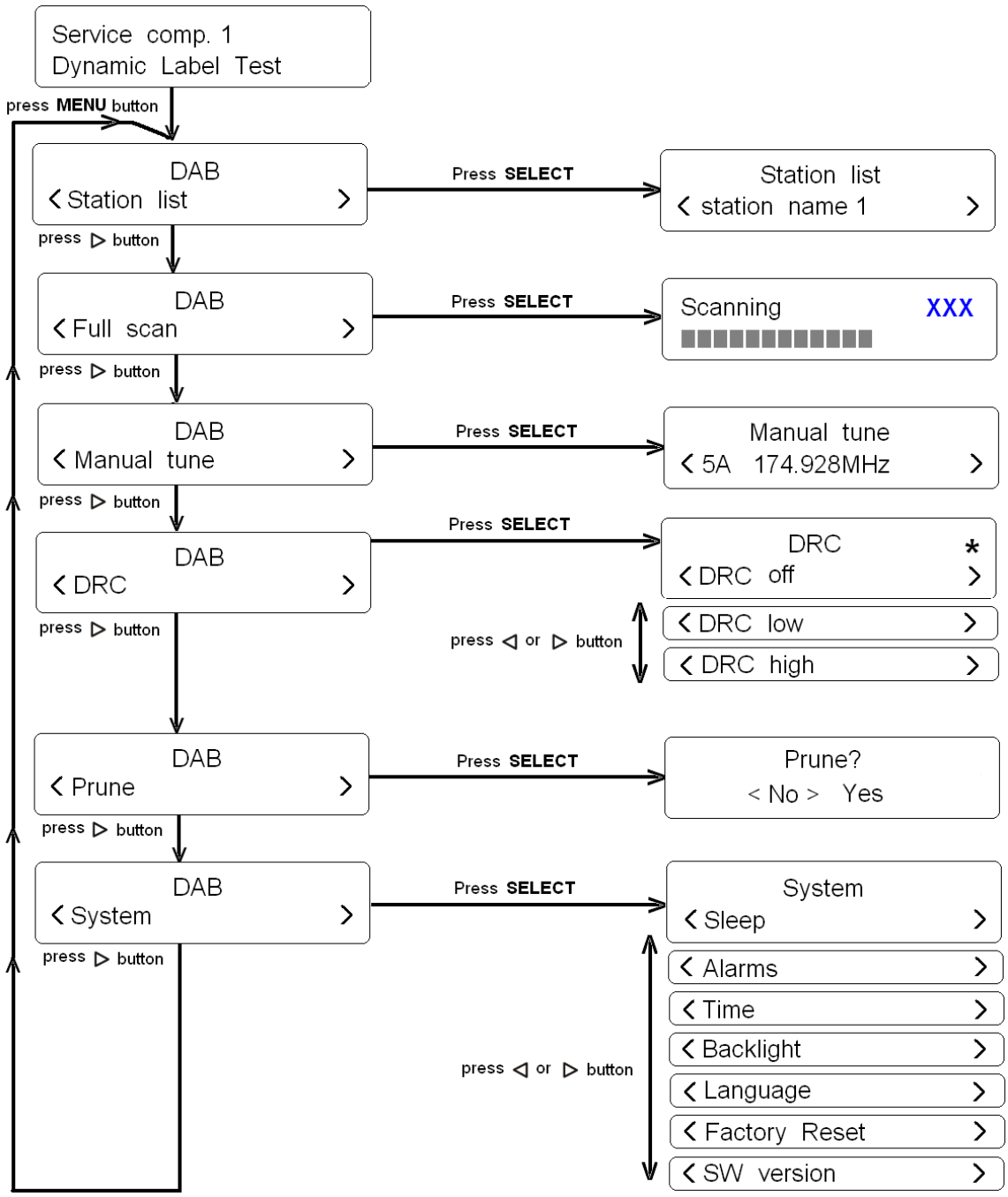
How to Display the Signal Strength?

1. While playing a DAB+ program, press **INFO**, the display will show a line of signal bars, which indicates the strength of the current station.



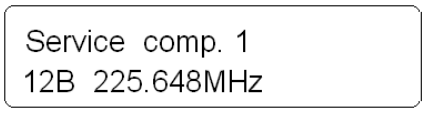
@ ***Note:*** *Stations with signal strength below the minimum signal level will not provide a stable streaming of audio.*

DAB Menu Tree



How to View Station Information?

1. While playing a DAB+ program, press **INFO** repeatedly to cycle through info options, such as station signal strength, program type, multiple name, program frequency, signal error rate, time and date, etc.



2. While your target option shows up, stop pressing **INFO**.

How to Update Station list?

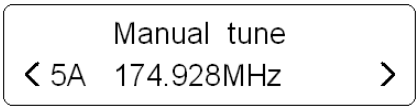
@ ***Note**: It is recommended to do a full scan now and then to add any new stations to the station list.*

1. Press **MENU**, and then press ▷ to < **Full scan** >, press **SELECT** to confirm.

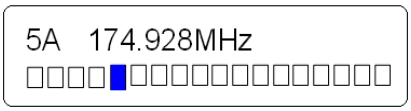
The radio will scan all the DAB+ channels and add any new stations available into the station list.

How to Start Manual Tune?

1. Press **MENU**, and then press ◁ or ▷ to < **Manual tune** >.
2. Press **SELECT** to confirm, the display will show the channel number and frequency list.



3. Press ◁ or ▷ to scroll through the channels and press **SELECT** to select perfected radio channel.



@ ***Note**: If there is a multiplex corresponding to this channel and frequency, then the display will show a tuning meter with the signal strength and the multiplex name after a few seconds.*

4. Press **SELECT** to exit this order.

How to Set DRC (Dynamic Range Control) Value?

The DRC makes quieter sounds easier to hear when your radio is used in a noisy environment

1. Press **MENU**, and then press ◁ or ▷ to < **DRC** >, press **SELECT** to confirm.

2. Press ◁ or ▷ to browse options: off/low/high.

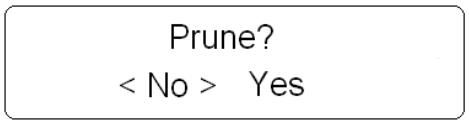
@ ***Note:*** *a. Set DRC to off means no compression;*
b. Set DRC to low indicates little compression;
c. Set DRC to high shows maximum compression.

3. Press **SELECT** to confirm your preferred option.

How to Prune Inactive Stations?

@ ***Note****: Pruning removes inactive stations from the station list..*

1. Press **MENU**, and then press ◁ twice to < **Prune** >, press **SELECT** to confirm



2. Press ◁ or ▷ to '**Yes**', press **SELECT** to confirm.

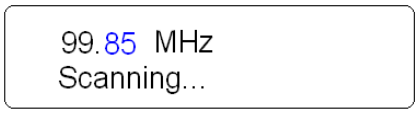
FM Mode

How to Change to FM Mode?

1. Press **MODE** to switch from DAB to FM Mode.
2. Once in FM mode, it will start at the beginning of the FM frequency range (87.50MHz). Otherwise, the last FM station you were listening to will be selected.
3. **Manually Scan**

   To manually scan FM frequency, press ◁ or ▷ to change frequency by 0.05MHz per step. Press and hold ◁ or ▷ to scan lower or higher stations.
4. **Automatic Scan**

   To automatic scan, press ◁ or ▷ or press **SELECT**



How to View Station Information?

@ ***Note**: You want watch radio text of your station, or its program type, Audio type, time, date etc. come on, follow below two steps.*

1. While playing a FM program, press **INFO** repeatedly to cycle through info options, such as Audio type, time, date, radio text etc.
2. While your target option shows up, stop pressing **INFO**.

How to Get the Best Signal Available?

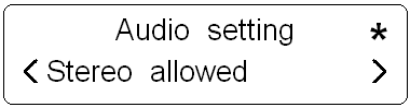
1. By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations.
2. To change the scan settings to stop only at stations with good signal strength, please follow 2 steps:
   a. Press **MENU**, and then press **SELECT** to confirm while it says < **Scan setting** >,.
   b. Press ▷ to '**Strong stations only**' **à** press **SELECT** to confirm.

How to Change Audio to ‘Forced Mono’?

1. By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss).

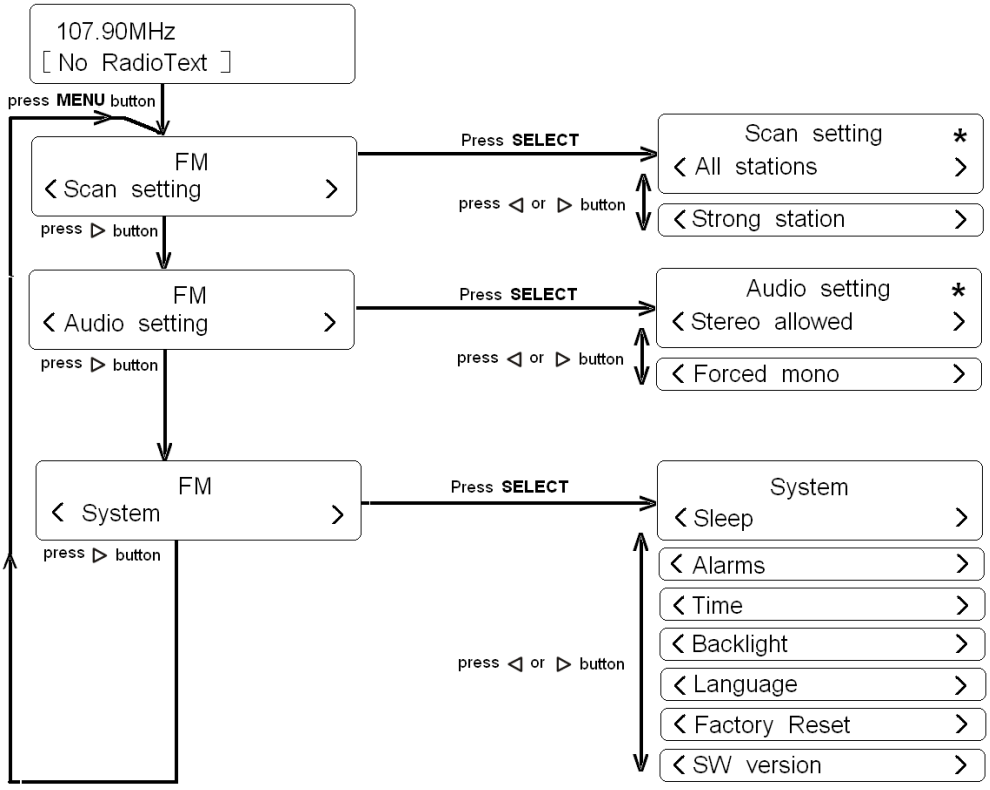
2. To play weak stations in mono, follow below 2 steps:

   a. Press **MENU**, press ▷ to < **Audio setting** >, press **SELECT** to confirm.

   b. Press ▷ to ‘**Forced mono**’, and then press **SELECT** to confirm.

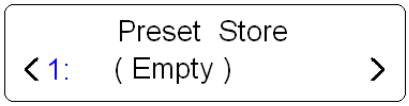
FM Menu Tree



Setting Station Presets (DAB+ and FM Mode)

Your radio can store 10 DAB+ and 10 FM presets.

1. Press and hold **PRESET** until it shows as below.



2. Press ◁ or ▷ to browse options 1-10, press **SELECT** to confirm, and it will tell you “”Preset XX stored”.

Recalling a Preset Station (DAB+ and FM Mode)

To recall a stored DAB+ or FM station:

1. Press **MODE** repeatedly to switch DAB+/FM mode **à** press **PRESET** to recall preset stations.
2. Press ◁ or ▷ to select 1 of 10 stations, press **SELECT** to confirm.

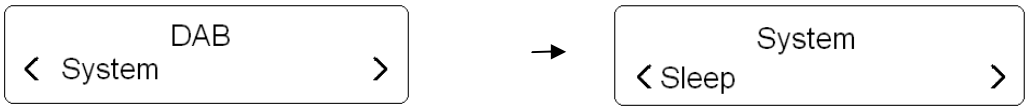
Volume Control

Adjust the radio volume to the desired level by pressing **VOLUME +** or **VOLUME -**.

System setup

How to Enter System Setup?

1. Press **MENU**, and then press ◁ to < **System** >, press **SELECT** to confirm.



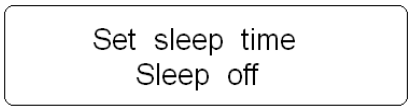
2. Press ◁ or ▷ to cycle through options: '**Sleep**', '**Alarms**', '**Time**', '**Backlight**', '**Language**', '**Factory Reset**' and '**SW version**' available.

J The following will provide you more details.

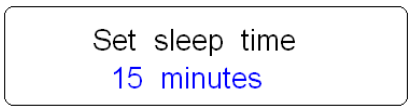
How to Set Sleep?

@ ***Note**: Your radio can be set to turn off after reaching a pre-define time.*

1. Press **MENU**, and then press ◁ to < **System** >, press **SELECT** to confirm.
2. While cursor point to < **Sleep** >, press **SELECT** to confirm.



3. Press ◁ or ▷ to define the sleep period: off/15/30/45/60/90 minutes, press **SELECT** to confirm the one you preferred.



4. Select < **Sleep** > option again, and then press **SELECT** to check how long it will be elapsed.
5. Radio will turn off after reaching this pre-defined time.
6. To continue listening to your program, press **STANDBY** button.

How to Set Time?

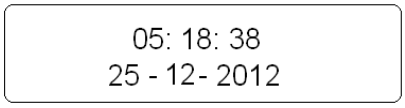
- **Manually Set Time**

1. It can be activated from < System > **à** < Time >, and then press **SELECT** to confirm.
2. Press ◁ or ▷ to enter *a range of time settings:*

   - **n** *<Set 12/24 hour format>: 'Set 24 hour' and 'Set 12 hour'*
   - **n** *<Set Time/Date>: Manually set-up both Time and Date*
   - **n** *<Auto update>: 'Update from DAB', and 'No update'*
   - **n** *<Set date format>: DD-MM-YYYY' and 'MM-DD-YYYY'*

- **To browse time setting**

1. Simply press **STANDBY** button.



How to Set Backlight?

@ ***Note****: adjust the backlight level of panel display to suit your personal preference.*

A. For 'Power On' condition

1. It can be activated from < System > **à** < Backlight >, press **SELECT** to confirm.
2. While cursor point to '**Power On**', press **SELECT** to confirm.

3. Press ◁ or ▷ to cycle through options: '**High**', '**Medium**' and '**Low**', then press **SELECT** to confirm the one you want, setting to '**High**' is recommending for 'Power On' condition.

B. For 'Standby' condition

For Standby **'Power on' condition**, setting to '**Low**' is recommended.

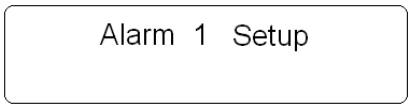
.

How to Set Alarm?

@ ***Note**: Ensure that time is set correctly before setting the Alarm.*

1. Press **Menu** to enter < System > **à** < Alarms >, press **SELECT** to confirm.
2. Press ◁ or ▷ to select 'Alarm 1' or 'Alarm 2', press **SELECT** to confirm your Alarm #,

   Let's take Alarm1 setup for example.

3. Press **SELECT** to confirm '**Alarm 1 Setup**' to enter '**Alarm 1 Wizard**', then follow the display's instruction to configure the following parameters:

   - **Alarm states**: Off/ On, press ◁ or ▷to 'On', press **SELECT** to confirm.
   - **On time**: 06: 00 (alarm sounding time)
   - **Duration time**: 15/30/45/60/90minutes (alarm sounding lasting time)
   - **Source**: Buzzer/DAB/FM
   - **Alarm sounds frequency**: Daily, Once, Weekends or weekdays
   - **Alarm volume**: press ◁ or ▷ to your desired alarm volume, and then press **SELECT** to confirm until it displays '**Alarm saved**'.

   Repeat above 3 steps for Alarm 2 Setup settings.

To Turn Off Alarm

1. To turn alarm off temporarily, press **STANDBY** button.

2. To turn alarm off permanently, enter alarm settings, press ▷ to OFF, press **SELECT** to confirm until it displays "**Alarm saved**".

How to Set Language?

The default language is English. To change, please follow below 2 steps:

1. Press **Menu** to enter < System > **à** < Language >, press **SELECT** to confirm.
2. Press ◁ or ▷ to select your preferred language option, and then press **SELECT** to confirm.

How to Factory Reset?

Performing a factory reset will reset all settings including alarms and preset stations to return to its factory default settings.

1. Press **Menu** to enter < System > **à** < Factory Reset >, press **SELECT** to confirm.
2. Press ▷ to < Yes >, press **SELECT** to confirm.

How to Get SW Version?

@ Note: *Software cannot be change. It is for your reference*

1. Press **Menu** to enter < System > **à** < SW version >, press **SELECT** to confirm.

Specification

ITEMS	DESCRIPTION
Specifications:	DAB+，FM
Power Requirements:	AC/DC Adapter: Input: 240Vac, 50Hz DC Output: 9V/600mA
Frequency Range	(FM) 87.5-108MHz (DAB+) 174 – 240MHz
Rated Output Power:	2.0Wrms x 2
Speaker:	4ohm
Headphone Jack:	32ohm
Dimension:	200 x 63 x 132mm
Net Weight:	749g

Note: Specifications subject to change without notice.
Weight and dimensions are approximate.

TEAC®

TEAC CUSTOMER SUPPORT HOTLINE (TCS)

1300 553 315

Between Monday to Friday – AEST 8.30AM to 6PM